

## Reactor and process for carrying out heterogeneous catalytic reactions.

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Inventor: RUPPEL WILHELM DR (DE); THOMAS HANS-RICHARD DR (DE); BOECK STEFAN DR (DE); HERZOG KLAUS DR (DE); RESCH PETER DR (DE); PLUECKHAN JUERGEN DR (DE); MROSS WOLF DIETER DR (DE)

Applicant: BASF AG (DE)

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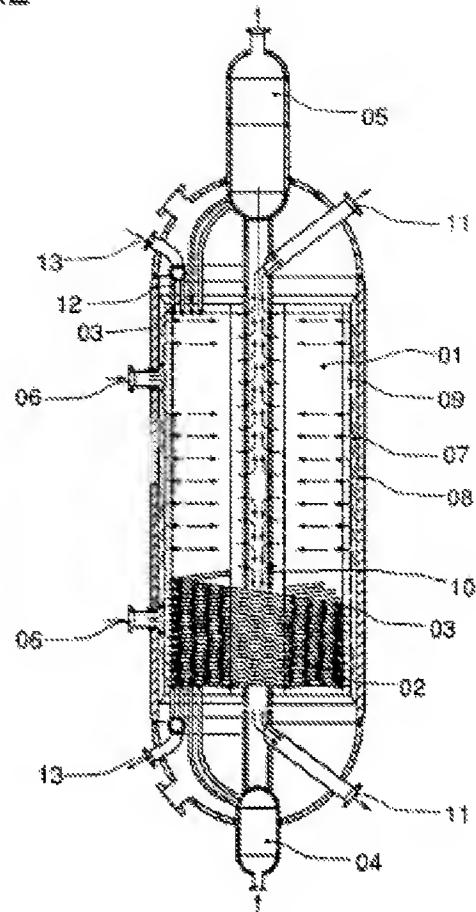
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## Abstract of EP0534195

The application relates to a reactor and a process for carrying out heterogeneous catalytic gas-phase reactions. The process is characterised in that the reaction mixture flows through a loose catalyst bed (01) radially with respect to the longitudinal axis of the reactor and preferably in a centripetal direction. A further characteristic of the process according to the invention is the incorporation, in the catalyst bed (01), of a heat exchanger (02) having coiled tubes (03) which have a heat transfer medium flowing through them to remove the reaction heat liberated.

FIG.2



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